

Name:

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Geometry, Period

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**Geometry**

**Do Now**

*With the end of year coming up (& the PLAN… & the ACT…) how many of these equations do you remember? See what you can fill in from memory. You can go back later to look up ones you don’t know.*

* Line
  1. Slope intercept form: y =
  2. Slope: m =
  3. Midpoint:
  4. Pythagorean theorem:
  5. Distance formula: d=
* Area & Perimeter
  1. Square A=\_\_\_\_\_\_\_\_\_\_\_\_\_\_, P=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  2. Rectangle A=\_\_\_\_\_\_\_\_\_\_\_\_\_\_, P=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  3. Circle A=\_\_\_\_\_\_\_\_\_\_\_\_\_\_, P=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  4. Triangle A=\_\_\_\_\_\_\_\_\_\_\_\_\_\_, P=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  5. Trapezoid A=\_\_\_\_\_\_\_\_\_\_\_\_\_\_, P=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Angles
  1. Congruent angles (including vertical angles, bisected angles):
  2. Complementary angles = \_\_\_\_\_\_\_\_\_°
  3. Supplementary angles = \_\_\_\_\_\_\_\_\_°
  4. Triangle = \_\_\_\_\_\_\_\_\_°
  5. Quadrilateral = \_\_\_\_\_\_\_\_\_°
* Volume & Surface area
  1. Rectangular prism V=\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, SA=\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_
  2. Cube V=\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, SA=\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_
  3. Cylinder V=\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, SA=\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_
  4. Prism in general V is\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, SA is\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_
* Trig & right triangles
  1. Sin =
  2. Cos =
  3. Tan =
* Pythagorean Triples
  1. 3 - \_\_\_ - \_\_\_
  2. 5 - \_\_\_ - \_\_\_
  3. 7 - \_\_\_ - \_\_\_